Fig. 1

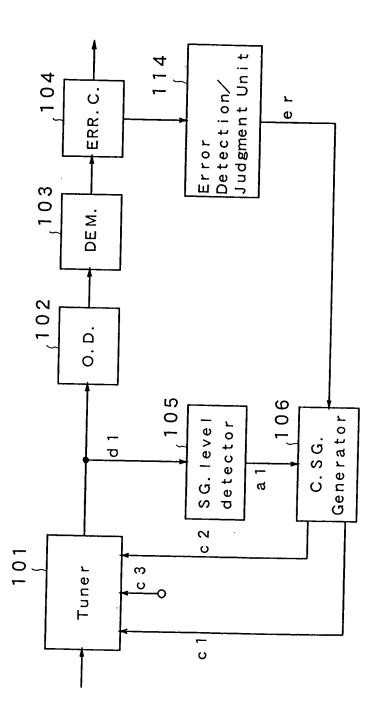


Fig. 2

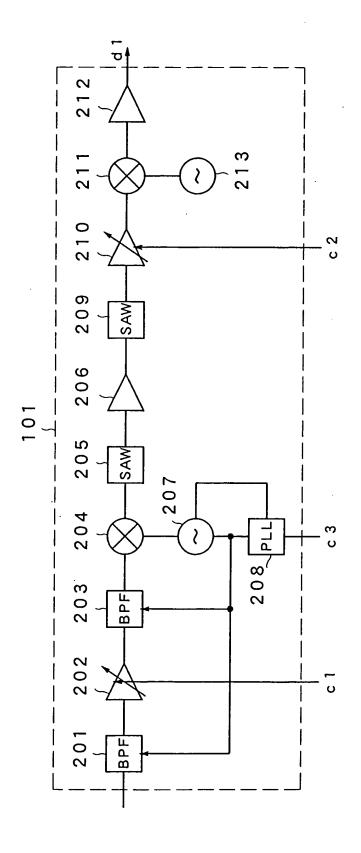


Fig. 3

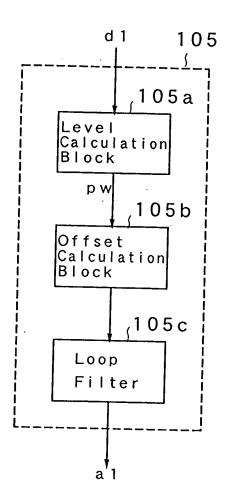


Fig. 4A

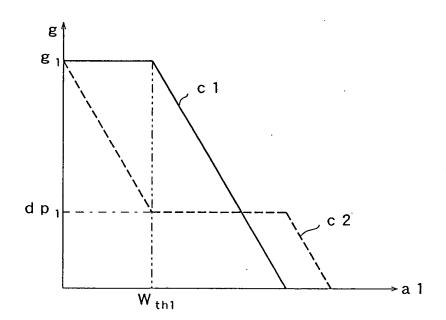


Fig. 4B

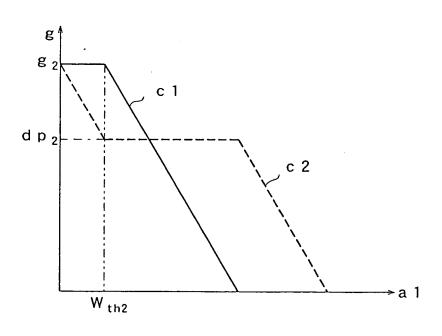


Fig. 5

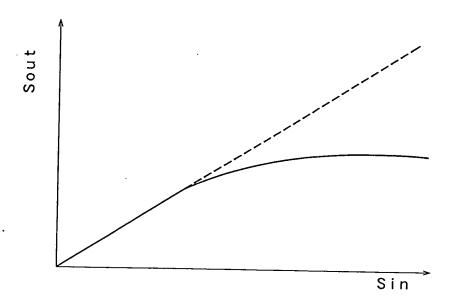


Fig. 6

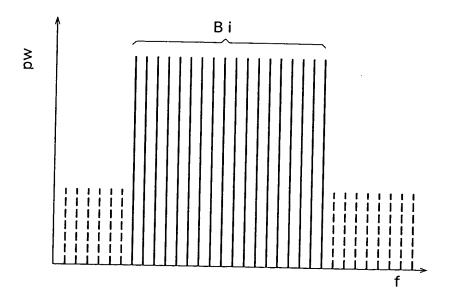


Fig. 7

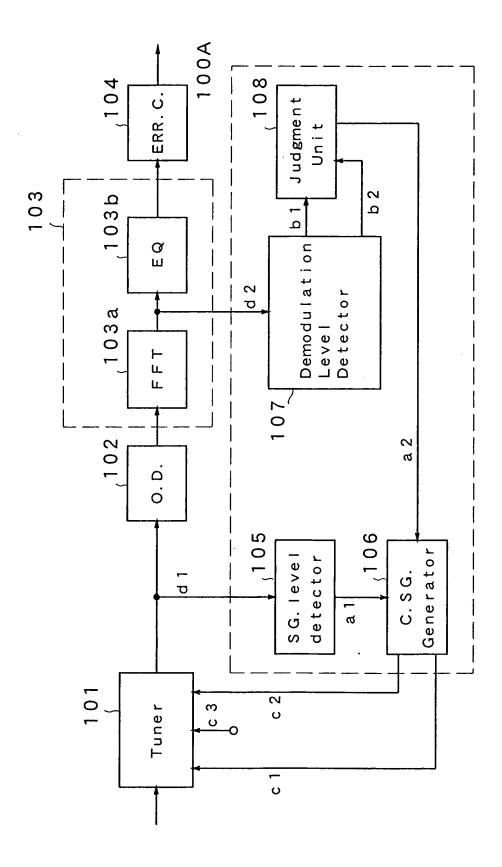
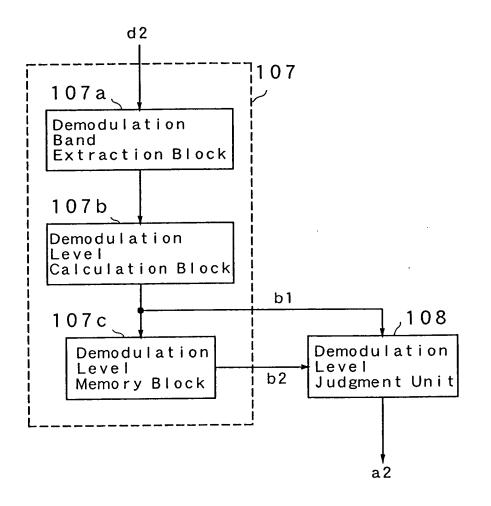


Fig. 8



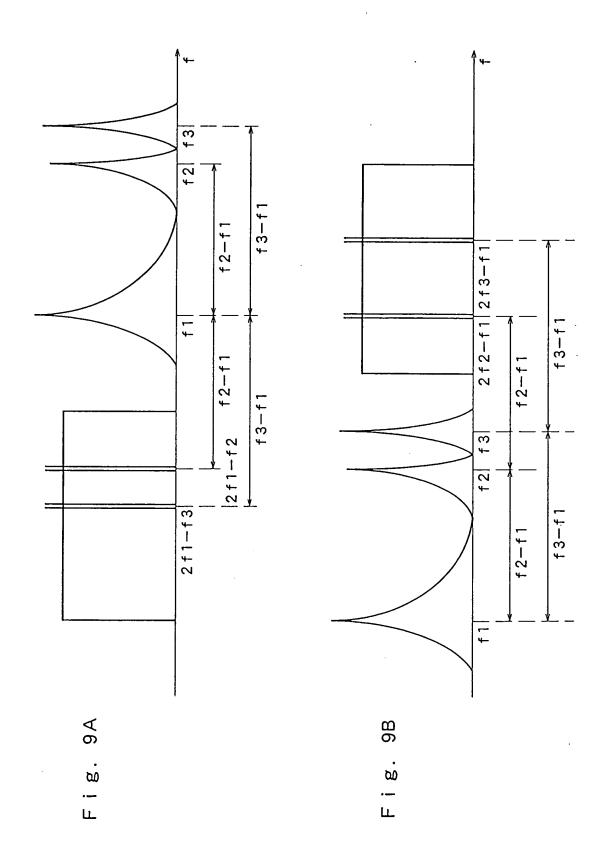


Fig. 10

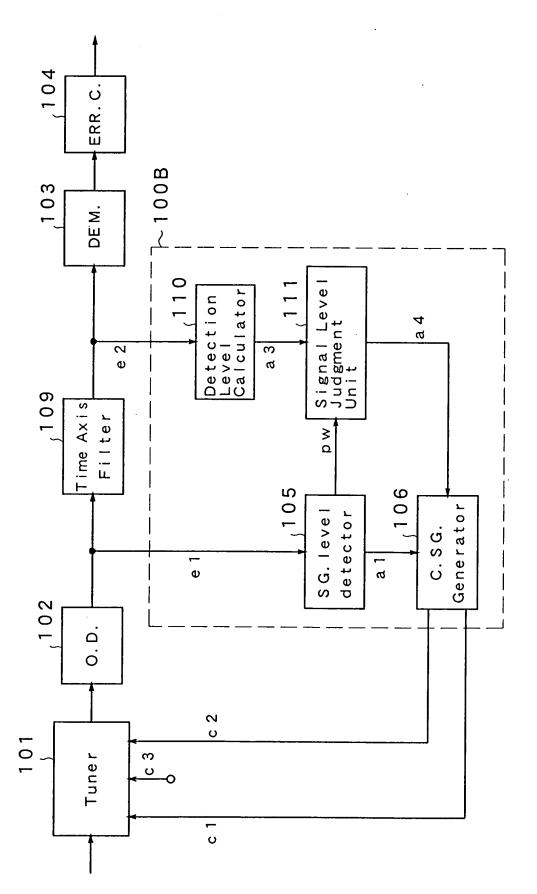


Fig. 11

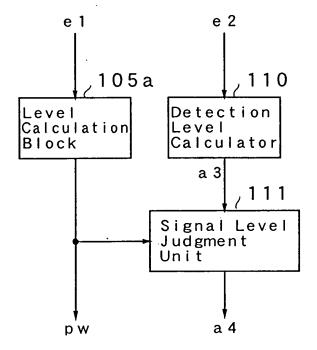
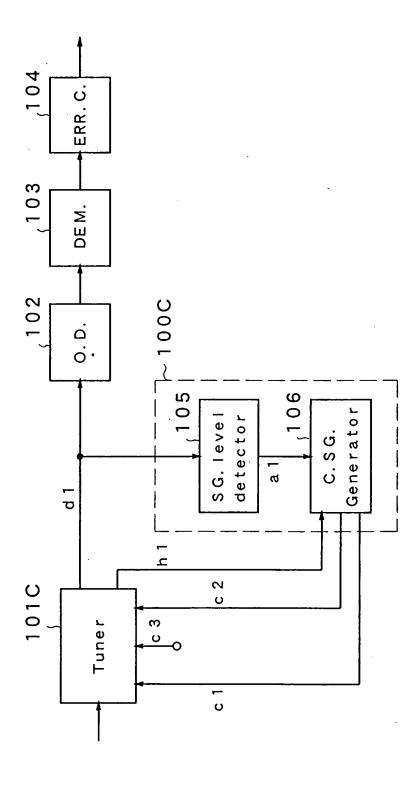


Fig.12



F i g.1 3

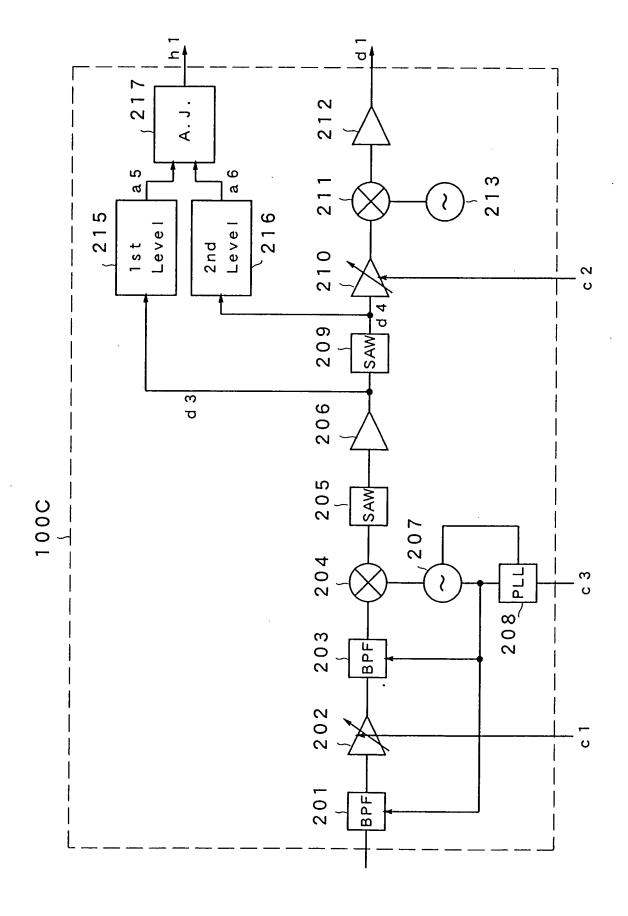


Fig.14

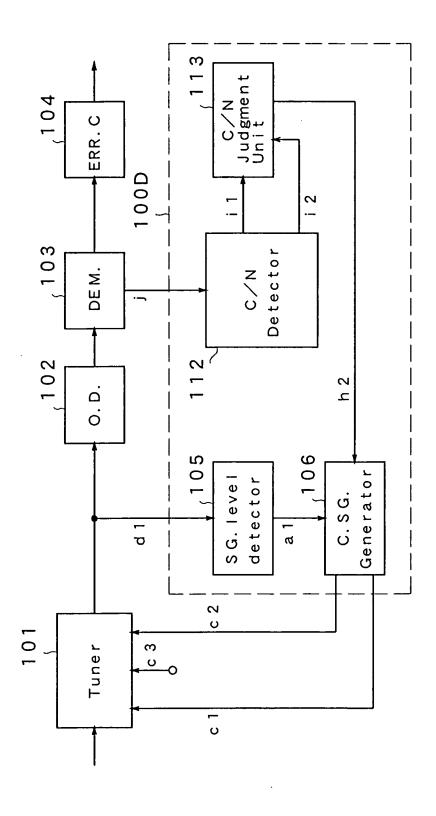


Fig. 15

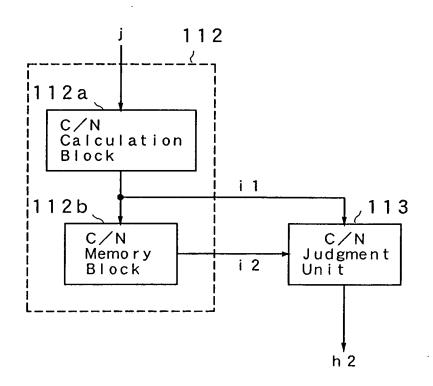


Fig. 16

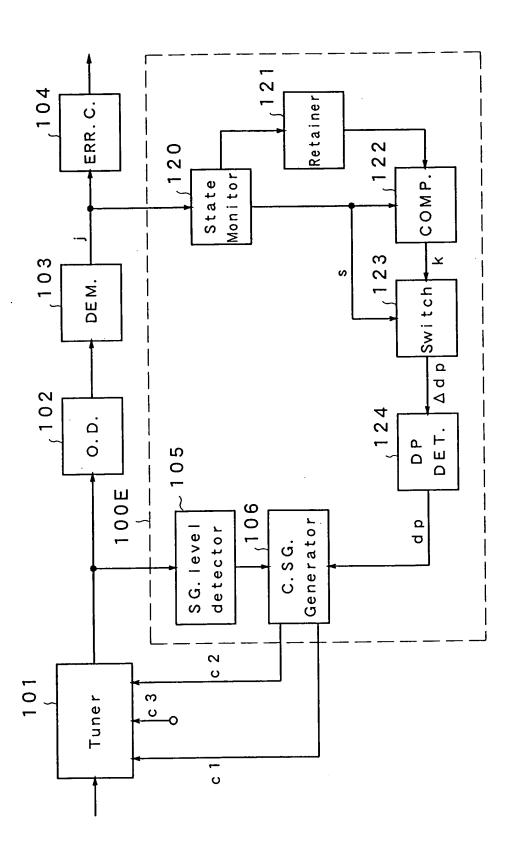


Fig. 17

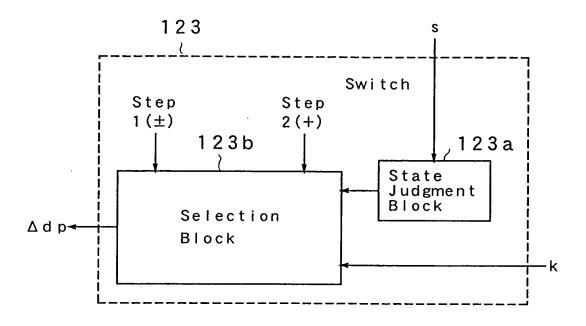


Fig. 18

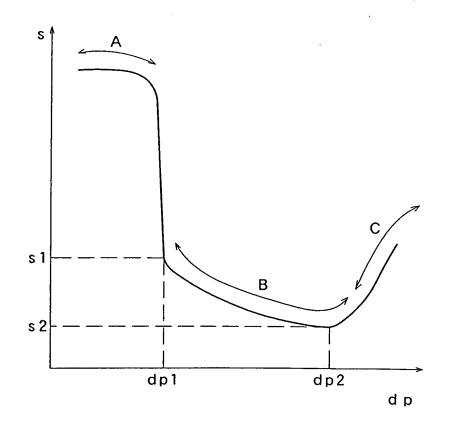


Fig. 19

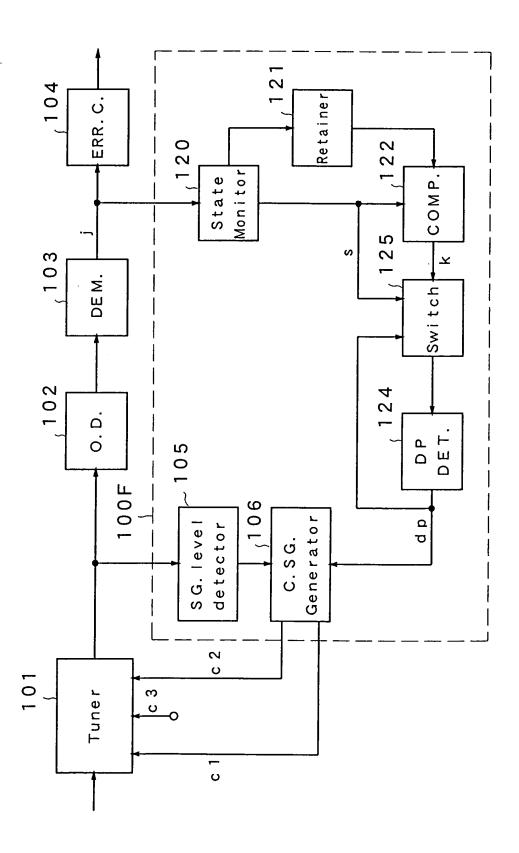


Fig. 20

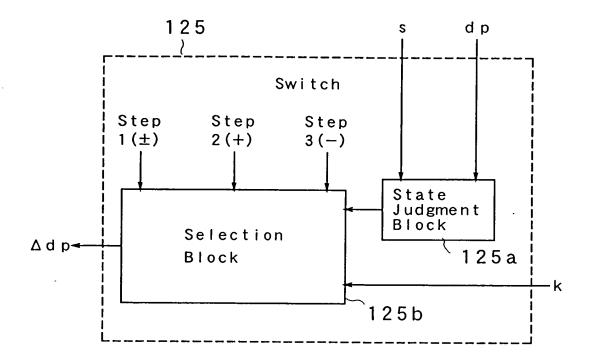


Fig. 21

Demodulation State	dр	Step Signal
0	large	step1(±:small)
×	large	step3(-:large)
0	sma I I	step1(±:small)
×	sma I I	step 2(+ : large)

Fig. 22

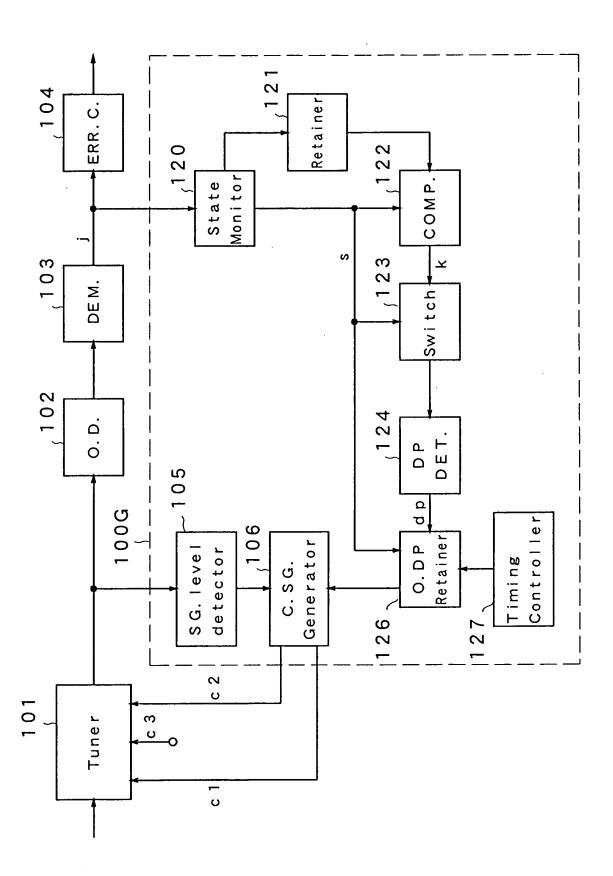


Fig. 23

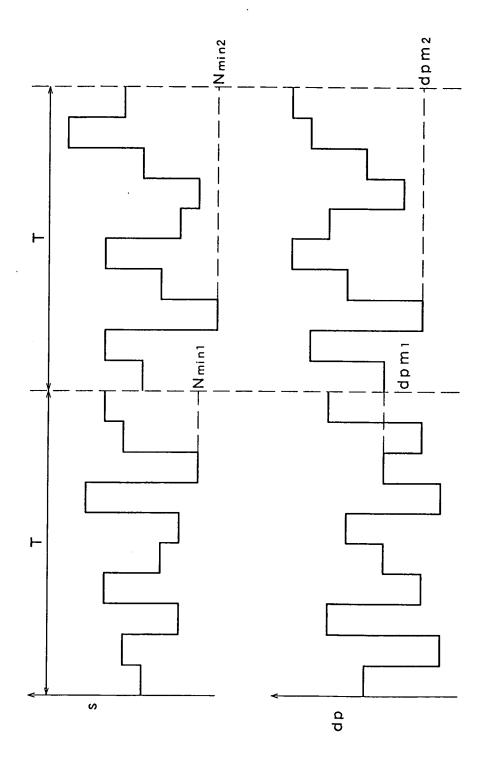
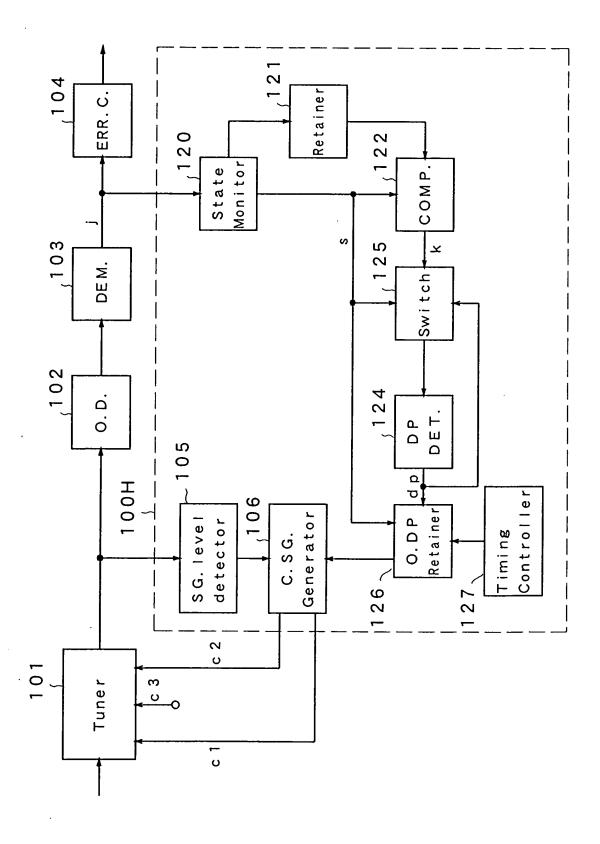


Fig. 24



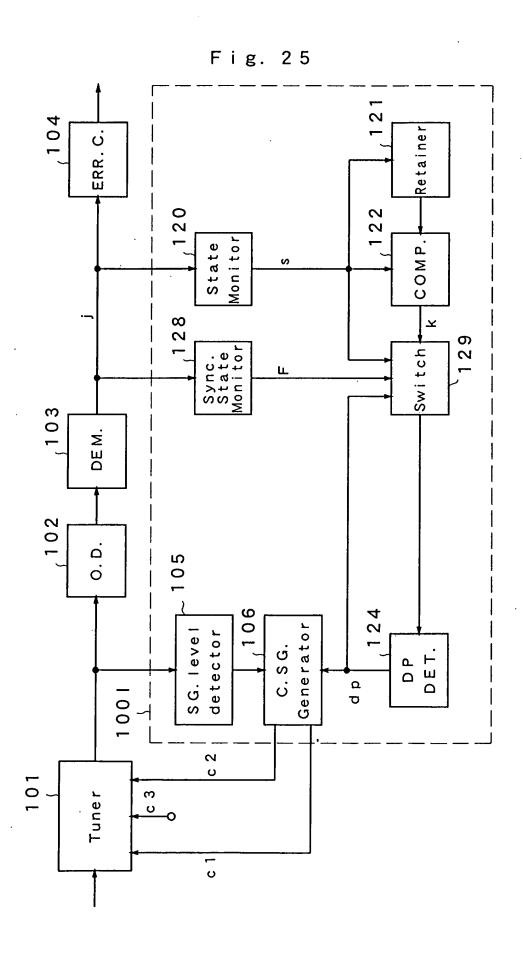


Fig. 26

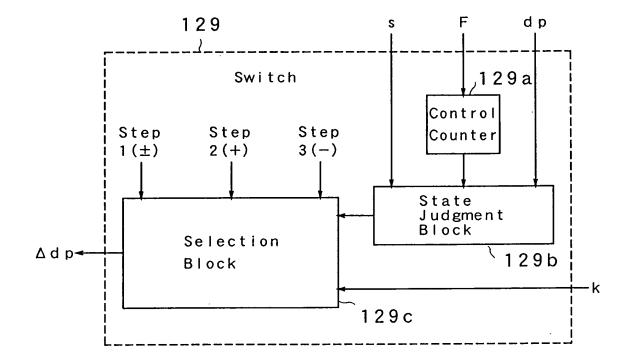


Fig. 27

N	Demodulation State	Comparison Signal	dр	Step Signal
0	0	_	-	step1(±:small)
0	×	_	_	step 2(+:large)
1		_	sma I I	step1(±:small)
1	_	better	large	step1(±:small)
1	_	same or worse	large	step3(-:large)
2 or above	_	_	_	step1(±:small)

